IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Video Projector
Manufacturer:	NEC
Firmware Version:	N/A
Model(s):	M332XS, M352WS

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
3	3/30/2015	1.6.0	3.5.2	Updated Power Off Status.
2	1/19/2015	1.6.0	3.5.2	Fixed Volume control.
1	7/3/2014	1.6.0	3.5.2	Initial version.

Driver Notes:

- Driver has been optimized for volume.

Control Commands & States:

Aspect Ratio	Normal	Wide Zoom	16:9
	Native	15:9	16:10
	Letterbox		
Audio Mute	On	Off	
Input	HDMI 1	HDMI 2	Display Port
	BNC	Video	S-Video
	Computer		
Lamp Mode	Normal	Eco	
Power Control	On	Off	
Video Mute	On	Off	
Volume (Discrete)	0 to 31 in steps of 1		
Volume (Step)	Up	Down	

Status Available:

Audio Mute	On	Off	
Connection Status	Connected	Disconnected	
Device Status	Normal	Lamp Cover Error	Temp Error
	Fan Error	Power Error	Lamp Error
	Lamp Life Expired	Format Error	FPGA Error
	Temp Sensor Failure	Lamp Housing Error	Lamp Data Error
	Mirror Cover Error	High Temperature	Sensor Error
	Pump Error	Multiple Errors	
Filter Usage	Hours		
Input	HDMI 1	HDMI 2	Display Port
	BNC	Video	S-Video
	Computer		
Lamp Mode	Normal	Eco	
Lamp Usage	Hours		
Operation Hours	Hours		
Power Control	On	Off	
Power Status	On	Off	Cooling Down
	Warming Up	Status Unavailable	
Video Mute	On	Off	
Volume (Discrete)	0 to 31 in steps of 1		

MLC60 Series Supported Commands:

Aspect Ratio	Normal	Wide Zoom	16:9
	Native	15:9	16:10
	Letterbox		
Audio Mute	On	Off	
Input	HDMI 1	HDMI 2	Display Port
	BNC	Video	S-Video
	Computer		
Lamp Mode	Normal	Eco	
Power Control	On	Off	
Video Mute	On	Off	
Volume (Discrete)	0 to 31 in steps of 1		
Volume (Step)	Up	Down	

Cable and Adapter Requirements:

F/F DB9 RS-232 Null Modem Serial Cable

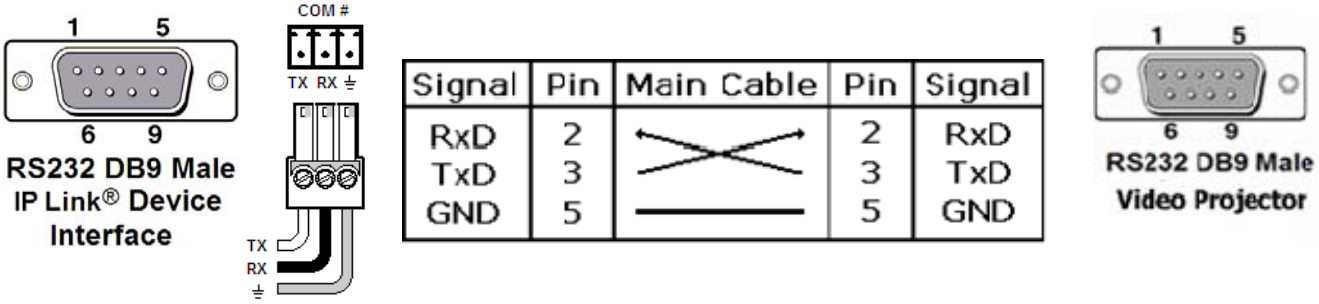
Notes for the Device:

Device may require to disable “Standby Mode”
To disable this access the “Expert Menu” using the remote control press: "Help" - "Up" - "Left" - "Help"

Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	38400	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Note: Captive screw connector may also be used as a serial connection.

General Notes: